

03/20/01  
JC976 U.S. PTO

03-21-01  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tony Chun-Hung Huang; Hai Thanh Ho  
Docket: STL9923/40046.146USU1  
Title: DIGITAL SINE/COSINE WAVE GENERATOR

A  
JC971 U.S. PTO  
09/813243  
03/20/01

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number. EL719663120US

Date of Deposit March 20, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Assistant Commissioner for Patents, Washington, D C 20231

By *Rita M. McAloon*  
Name: Rita M. McAloon

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ Utility Patent Application: Spec. 19 pgs; 19 claims; Abstract 1 pgs.  
The fee has been calculated as shown below in the 'Claims as Filed' table.
- ☒ 7 sheets of formal drawings
- ☒ A signed Declaration
- ☒ A signed Power of Attorney w/copy of Assignment attached
- ☒ Assignment of the invention to Seagate Technology LLC, Recordation Form Cover Sheet
- ☒ A check in the amount of \$870.00 to cover the Filing Fee
- ☒ A check for \$40.00 to cover the Assignment Recording Fee.
- ☒ Other: Information Disclosure Statement, Form 1449 and 12 references
- ☒ Return postcard

CLAIMS AS FILED

| Number of Claims Filed       | In Excess of: | Number Extra | Rate  | Fee      |
|------------------------------|---------------|--------------|-------|----------|
| Basic Filing Fee             |               |              |       | \$710.00 |
| Total Claims                 |               |              |       |          |
| 19                           | 20            | 0            | 18.00 | \$0.00   |
| Independent Claims           |               |              |       |          |
| 4                            | 3             | 1            | 80.00 | \$80.00  |
| MULTIPLE DEPENDENT CLAIM FEE |               |              |       | \$0.00   |
| TOTAL FILING FEE             |               |              |       | \$790.00 |

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

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PATENT TRADEMARK OFFICE

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